ADSL Modem / Router

Wireless ADSL Router

Powerline WLAN
ADSL Router and Adapter

VoIP ADSL Modem/Router

Broadband Router

SHDSL Bridge / Router

Wireless Client

ADSL VPN Firewall Router
with Single Ethernet port
Securely share your high speed ADSL connection

- High-speed Internet Access with ADSL
- Ease of Use with Quick Start Setup
- IPSec/IKE Virtual Private Network
- Universal Plug and Play (UPnP) Compliant
- SOHO Firewall Security with DoS Prevention
- Parental Control with URL Blocking and Packet Filtering
- Dynamic Domain Name System (DDNS)
- Web-based Configuration, Management and Firmware Upgrade
- Ideal for residential users

▲ **BIPAC-7100S**

High-speed Internet Access with ADSL

The BIPAC-7100S complies with ADSL standards for worldwide deployment and supports downstream rates of up to 8Mbps and upstream rates of up to 1 Mbps. It is designed for small office, home office and residential users, enabling high-speed Internet connections. User can enjoy ADSL services and broadband multimedia applications such as interactive gaming, video streaming and real-time audio much easier and faster than ever before.

Ease of Use with Quick Start Setup

The Quick Start setup allows easy installation of the BIPAC-7100S. With this simple Quick Start setup, end users can enter the necessary ISP information and start surfing the Internet immediately.

SOHO Firewall Security and Parental Control

Along with the built-in NAT natural firewall feature, the BIPAC-7100S also provide advanced hacker pattern-filtering protection. It can automatically detect and block Denial of Service (DoS) attacks, such as IP Spoofing, Ping of Death, Land Attack, etc. Powered by URL blocking and packet filtering, the BIPAC-7100S supports parental control to Internet access according to web addresses, web address keywords or the time of a day. It ensures your family or company a safe surfing environment.

Easy Network Management

The Web-based User Interface makes the BIPAC-7100S extremely easy to install and manage your network. With built-in DHCP server, system administrators can easily attach this security router into existing network and manage the IP assignment without re-configuring the other stations. The built-in diagnostic test tool is extremely useful to troubleshoot the problem if necessary.

Virtual Private Network (VPN)

The BIPAC-7100S supports embedded IPSec VPN protocol (IKE, 3DES and DES), for establishing a private encrypted tunnel over the public Internet to ensure transmission security between two or more sites.

Powering communications
with **Security**

BILLION

Feature & Specification

ADSL Compliance

- Compliant with ADSL Standards
  - Full-rate ANSI T1.413 Issue 2
  - G.dmt (ITU G.992.1)
  - G.hs (ITU G.994.1)
  - ADSL over ISDN/U-R2
- Sync. Rate: up to 8Mbps for download rate and 1Mbps for upload rate

Network Protocols and Features

- NAT, static routing and RIP-1/2
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server and DMZ
- SNTP, DNS relay and IGMP proxy
- POP3 (email account checking)

Hardware Specification

Physical Interface

- WAN: ADSL port
- Factory default reset button
- LAN: 10/100M auto-crossover (MDI/MDI-X)
- Power jack
- Power switch

Physical Specification

- Dimensions: 7.28" x 5.0" x 1.85" (185mm x 127mm x 47mm)

Power Requirement

- Input: 12V DC, 1A

ATM and PPP Protocols

- ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- Classical IP over ATM (RFC 1577)
- OAM F4/F5

Firewall

- Built-in NAT firewall
- Prevent DoS attacks including IP Spoofing, Land Attack, Ping of Death, TCP SYN Flooding, etc.
- E-mail alert whenever detect attacks
- Packet filtering based-on MAC address, IP address & port number
- URL blocking – string or domain name detection in URL string

Virtual Private Network (VPN)

- Embedded IPSec/IKE
- DES and 3DES encryption for IPSec
- L2TP/PPTP/IPSec pass-through

Management

- Ease of use with Quick Start setup
- Web-based GUI for remote and local management
- Firmware upgraded via Web-based GUI and FTP/TFTP
- System & intrusion detection log
- SNMP MIB support
- Support DHCP server/client/relay
- Diagnostic test utility

Operating Environment

- Operating temperature: 0 ~ 45 ºC
- Storage temperature: -20 ~ 70 ºC
- Humidity: 20 ~ 95% non-condensing

Specifications are subject to change without notice.